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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions. Please amend the claims as follows:

Listing of the Claims

Claim 1 (Canceled).

Claim 2 (Canceled).

Claim 3 (Canceled).

Claim 4 (Canceled).

Claim 5 (Canceled).

Claim 6 (Canceled).

Claim 7 (Canceled).

Claim 8 (Canceled).

Claim 9 (Canceled).

Claim 10 (Canceled).

Claim 11 (Canceled).

Claim 12 (Canceled).

Claim 13 (Canceled).

Claim 14 (Canceled).

Claim 15 (Canceled).

Claim 16 (Canceled).

Claim 17 (Canceled).

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Claim 18 (Canceled).

Claim 19 (Canceled).

Claim 20 (Canceled).

Claim 21 (Canceled).

Claim 22 (Canceled).

Claim 23 (Canceled).

Claim 24 (Canceled).

25. (Currently Amended) A process of converting an insulated glass unit to an impact resistant insulated glass unit,

wherein an insulated glass unit comprises:

two sheets at least one of which is glass;

a space between said two sheets; and

a spacer, which separates and supports said at least two sheets and forms said space between said two sheets, which space is defined by inner surfaces of said two sheets

wherein the process comprises:

providing an insulated glass unit;

accessing said space and providing a liquid resin formulation on an inner surface, of said at least one sheet of glass,

wherein a layer of said resin, which is liquid prior to cure, is cured and renders

said at least one sheet of glass impact resistant; and

thereby producing an impact resistant insulated glass unit in which said one

sheet of glass rendered impact resistant is one of said two sheets.

26. (Previously Presented) The process of Claim 25, wherein said at least one sheet

of glass is tempered or heat strengthened glass.

27. (Previously Presented) The process of Claim 25, wherein the resin is selected

from the group consisting of polyurethane, polyester and acrylic resins.

28. (Previously Presented) The process of Claim 27, wherein the polyester is a

flexible low shrink polyester resin system which is formed from a reactant selected from the

group consisting of phthalic anhydride, maleic anhydride, isophthalic anlydride, and

terephthalic anhydride.

29. (Previously Presented) The process of Claim 28, wherein the polyester is a

flexible, low shrink polyester resin formed from a reactant selected from the group consisting

of glycols, propylene glycol, ethylene glycol, dipropylene glycol, diethylene glycol,

neopentylene glycol and products based on glycerin or trimethanol propane.

30. (Previously Presented) The process of Claim 25, wherein the polyester is a low

shrink polyester resin formed from a reagent selected from the group consisting of

monomers, styrene, substituted styrenes, methyl methacrylic acid, dilute and multi-functional

acrylates.

31. (Previously Presented) The process of Claim 25, wherein the resin is a flexible

acrylate resin based on polyacrylic polymers and acrylic monomers.

32. (Previously Presented) The process of Claim 25, wherein the liquid resin

formulation is provided on said inner surface of said at least one sheet of glass, which is

maintained in a horizontal position.

33. (Currently Amended) A process of converting an insulated glass unit to

an impact resistant insulated glass unit,

wherein an insulated glass unit comprises:

two sheets at least one of which is glass;

a space between said two sheets; and

a spacer, which separates and supports said at least two sheets and forms said

space between said two sheets, which space is defined by inner surfaces of said

two sheets

wherein the process comprises:

providing an insulated glass unit;

accessing said space and providing a liquid resin formulation on an inner surface, of

said at least one sheet of glass,

wherein the liquid resin formulation is provided on said inner surface of said at least one

sheet of glass, which is maintained in a horizontal position) The process of Claim 32,

wherein during which no resin is applied to a second inner surface;

wherein a layer of said resin, which is liquid prior to cure, is cured and renders

said at least one sheet of glass impact resistant; and

producing an impact resistant insulated glass unit.

34. (Previously Presented) The process of Claim 25, wherein a second sheet is a

second sheet of glass.

35. (Previously Presented) The process of Claim 25, wherein the resin is formed with

at least one component selected from the group consisting of polyols; tetrahydrofurane

polymer diols; propoxylated glycols; triol; polyester glycols based on difunctional carboxylic

acids and aliphatic glycols.

36. (Previously Presented) The process of Claim 25, wherein the resin is formed

with at least one component selected from the group consisting of polyols; tetrahydrofurane

polymer diols; propoxylated glycols; triol; polyester glycols based on difunctional carboxylic

acids and aliphatic glycols.

37. (Currently Amended) A process for retro-fitting existing insulated windows to convert them into impact resistant insulated glass units, comprising:

removing an insulated glass unit from a building;

wherein said insulated glass structure comprises:

at least two sheets or lamina, wherein at least one of said sheets or lamina is of glass;

a spacer, which separates and supports said at least two sheets of glass, and forms

an enclosed space between said two sheets;

accessing said space [[for]] <u>and</u> providing a liquid resin formulation on an inner surface of said at least one sheet of glass;

wherein the resin is liquid prior to cure;

curing said resin; and

producing an impact resistant insulated glass unit, in which said at least one sheet of glass provided with said cured resin is one of said two sheets.

- 38. (Previously Presented) The process of Claim 37, wherein the sheets of the insulated glass unit are maintained in a horizontal position, while providing said liquid resin formulation.
- 39. (Previously Presented) The process of Claim 37, which further comprises installing said impact resistant insulated glass unit in a building.

40. (Previously Presented) The process of Claim 37, wherein said at least one sheet

of glass is tempered or heat strengthened glass.

41. (Previously Presented) The process of Claim 37, wherein the resin is selected

from the group consisting of polyurethane, polyester and acrylic resins.

42. (Previously Presented) The process of Claim 37, wherein the polyester is a

flexible low shrink polyester resin system which is formed from a reactant selected from the

group consisting of phthalic anhydride, maleic anhydride, isophthalic anlydride, and

terephthalic anhydride.

43. (Previously Presented) The process of Claim 37, wherein the polyester is a

flexible, low shrink polyester resin formed from a reactant selected from the group consisting

of glycols, propylene glycol, ethylene glycol, dipropylene glycol, diethylene glycol,

neopentylene glycol and products based on glycerin or trimethanol propane.

44. (Previously Presented) The process of Claim 37, wherein the polyester is a low

shrink polyester resin formed from a reagent selected from the group consisting of

monomers, styrene, substituted styrenes, methyl methacrylic acid, dilute and multi-functional

acrylates.

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45. (Previously Presented) The process of Claim 37, wherein the resin is a flexible

acrylate resins based on polyacrylic polymers and acrylic monomers.

46. (Currently Amended) A process for retro-fitting existing insulated windows to

convert them into impact resistant insulated glass units, comprising:

removing an insulated glass unit from a building;

wherein said insulated glass structure comprises:

at least two sheets or lamina, wherein at least one of said sheets or lamina is of glass;

a spacer, which separates and supports said at least two sheets of glass, and forms

an enclosed space between said two sheets;

accessing said space for providing a liquid resin formulation on an inner surface of

said at least one sheet of glass;

wherein the resin is liquid prior to cure;

curing said resin; and

producing an impact resistant insulated glass unit

The process of Claim 37, wherein the liquid resin formulation is pumped into the space

which is in a horizontal position.

47. (Previously Presented) The process of Claim 37, wherein said pumping is

undertaken and no resin is applied to a second inner surface.

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48. (Previously Presented) The process of Claim 37, wherein a second sheet is a

second sheet of glass.

49. (Previously Presented) The process of Claim 37, wherein the resin is formed

with at least one component selected from the group consisting of polyols; tetrahydrofurane

polymer diols; propoxylated glycols; triol; polyester glycols based on difunctional carboxylic

acids and aliphatic glycols.

50. (Previously Presented) The process of Claim 37, wherein the resin is formed

with at least one component selected from the group consisting of polyols; tetrahydrofurane

polymer diols; propoxylated glycols; triol; polyester glycols based on difunctional carboxylic

acids and aliphatic glycols.